APPENDIX

1. (Amended) A heatsink comprising:

a) a column having a heat receiving face, wherein a cross section of said column has one shape selected from trapezoid, triangle, and a shape whose sectional width decreases as it extends away from said heat receiving face; and

b) a plurality of pillar-type protrusions provided on [a] at least one face other than the heat receiving face of said column in such a manner that they are parallel to or at a predetermined angle against the heat receiving face, wherein at least one continuous row of said pillar-type protrusions extend from said column at the same angle relative to said column, each of said pillar-type protrusions in said at least one continuous row extending from said column at the same vertical height of said column.

4. (Amended) The heatsink of claim 1 [2], wherein at least one of said pillar-type [protrusion] protrusions has protrusions and/or recesses on its surface.

5. (Amended) The heatsink of claim 1 [2], wherein the heat receiving face protrudes further outwards than said pillar-type protrusions [said column].

6. (Amended) [The] A heatsink [of claim 2] comprising:

a) a column having a heat receiving face; and

b) a plurality of pillar-type protrusions provided on at least one face other than the heat receiving face of said column in such a manner that they are parallel to or at a predetermined angle against the heat receiving face, wherein the vertical distance to the heat receiving face from the end of each of said pillar-type [protrusion] protrusions on the column side is shorter than that from the other end.

7. (Amended) The heatsink of claim 6, wherein the height of each of said pillar-type [protrusion] protrusions does not go beyond the height of said column.

8. (Amended) The heatsink of claim 6 [7], wherein at least one of said pillar-type [protrusion] protrusions has protrusions and/or recesses on its surface.

9. (Amended) The heatsink of claim 6 [7], wherein the heat receiving face protrudes further outwards than said pillar-type protrusions [said column].

15. (Amended) A cooling apparatus comprising:

a heatsink comprising:

a) a column having a heat receiving face, wherein a cross section of said column has one shape selected from trapezoid, triangle, and a shape whose sectional width decreases as it extends away from said heat receiving face; and

b) a plurality of pillar-type protrusions provided on [a] at least one face other than the heat receiving face of said column in such a manner that they are parallel to or at a predetermined angle against the heat receiving face, wherein at least one continuous row of said pillar-type protrusions extend from said column at the same angle relative to said column, each of said pillar-type protrusions in said at least one continuous row extending from said column at the same vertical height of said column; and

a cooling means mounted on said heatsink.

17. (Amended) The cooling apparatus of claim 15, wherein the heat receiving face protrudes further outwards than said pillar-type protrusions [said column].